

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Flint Drinking Water Response - SitRep #36



Subject: SitRep #36
Flint Drinking Water Response
Flint, MI

To: Flint Drinking Water Response Distribution List

Through: Mark Durno, Unified Command Liaison
From: Ann Whelan, Situation Unit Leader

Date: 2/27/16
Reporting Period: 2/26/16, 1500 hours – 2/27/16, 1500 hours



CIC Adrian Palomeque is interviewed by a Spanish Radio station 2/27/2016

1 Introduction

The U.S. Environmental Protection Agency (EPA) has deployed a team to assist with the Flint Drinking Water Response. EPA is a part of a Unified Coordination Group (UCG) with the Office of the Assistant Secretary for Preparedness and Response (ASPR), the Centers for Disease Control (CDC), and the Federal Emergency Management Agency (FEMA). Both ASPR and CDC are a part of Health and Human Services (HHS), which is the lead agency for this response.

1.1 Incident Command Post

The EPA Incident Command Post (ICP), staging area, and Mobile Command Post (MCP) are located on the Kettering University campus at 1300 Bluff Street. The Unified Command Post (UCP) is at 125 E. Union St.

1.2 EPA Operational Objectives

- Ensure health and safety of the public and response personnel
- Collect, coordinate, manage, and communicate environmental and public health data
- Determine the effects of reintroduced orthophosphate in reducing lead in the drinking water system through sequential & water quality sampling
- Coordinate with EPA Office of Research and Development (ORD) system assessment of the drinking water system, including chlorine residual monitoring
- Determine field efficacy of preventive measures
- Respond to health agency requests for environmental sampling
- Maintain effective communications with HHS, unified command, cooperating agencies, and the public
- Determine a path forward with the community, coordinating agencies, Michigan Department of Environmental Quality (MDEQ), City of Flint, and health agencies to ensure the safe use of drinking water

1.3 Unified Coordination Group Senior Leadership Objectives

- Provide immediate access to safe water
- Ensure the safety of and public confidence in the water supply
- Understand and address immediate health needs from potential lead exposure
- Mitigate other impacts of the water contamination crisis on the residents of Flint

2 Activities During Reporting Period

2.1 UCG Representatives

- Participated in UCG briefing, Water Team coordination, Operations briefing, Data Team call, and Cabinet meeting
- Discussed Legionella issues with CDC and HHS and Genesee County Health Department

2.2 Public Information

- Media activity:
- PIOs facilitated a live radio interview in Spanish with Adrian Palomeque, a Community Involvement Coordinator, and a reporter from La Poderosa about EPA's response efforts. Palomeque answered basic questions regarding EPA's response efforts. The interview will be recorded and posted to La Poderosa's Facebook page. PIO tweeted about the interview early this afternoon.

2.3 Community Involvement

- CIC interviewed by Spanish Radio Station
- Assisted HHS during their attendance at a sampling event
- Community Involvement Coordination (CIC) Team engaged with residents during sampling and handed out EPA factsheets
- CIC Team office answered incoming resident calls, scheduled future sampling appointments, and updated the sample schedule database
- Worked on factsheet to provide to MDEQ as leave behind for sentinel sampling homes notifying them that EPA will follow up to request a sequential sampling
- HQ canvassing teams continued to identify locations to distribute flyers and developed question post cards to provide to organizations that have questions for EPA

2.4 Task Force Safety Officer

- No injuries or near misses

2.5 Task Force Leader

- Developed, with CIC Lead, proper outline of informational sheet.
- Coordinated with MDEQ and HHS to ride along with EPA sampling teams

2.6 Water Sampling Team

The Water Sampling Team performs diagnostic home investigations for sampling events to determine possible sources of lead contamination. Investigations include cleaning of aerators and filters and interviewing home/property owners. Sampling investigations include residual chlorine sampling. Each sequential sampling investigation includes up to (21) 1-liter samples and up to (4) 125-milliliter samples; each grab sample investigation includes up to (3) 1-liter samples.

Residential Drinking Water Samples Collected					
	Filter Grab Samples	Sequential Samples	Health Complaint Samples	Bacteria	Total Bottles Collected
2/27/16	9	3	0		84
Total to Date	188	91	35	13	~2,424

2.7 ORD/OW Water Assessment Team

Chlorine residual sampling is conducted weekly. 24 chlorine residuals samples are collected and 10 chlorine residual data points collected by the water utility. The chlorine data represents a wide geographical sampling of pipe sizes and locations.

- No activity

2.8 Data Management Team

- Continue working with the Water Sampling Team and EPA lab to fix errors in the SCRIBE database
- Began the process of sharing EPA data with MDEQ
- Working to update the Medical Technical Assistance Sampling data for sharing with ATSDR & Michigan Department of Health and Human Services (MDHHS)

2.9 Situation and Resources Team

- 2 personnel demobilized 1 checked in
- Participated in Operations, MDEQ and Cabinet meetings

2.10 Logistics Team

- Provided logistics support throughout the day to include: Facilities Management, Shipping - Receiving of UPS items, Mobile Command Post operations, supplies, and IT support as needed. (Daily occurrence)

3 Staffing/Personnel

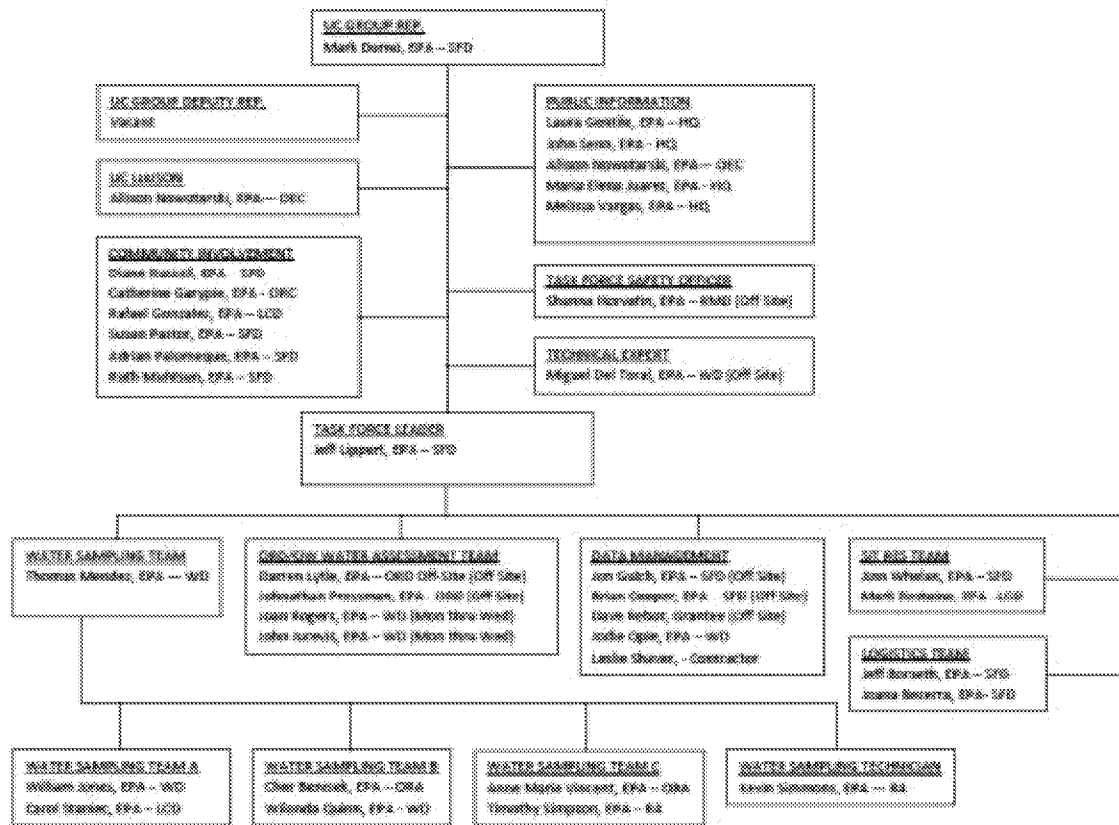
As of 1500 hours, 27 personnel are checked into the EPA ICP. The current organizational chart is included as Appendix A.

4 Definition of Terms

Acronym	Definition
ASPR	Assistant Secretary for Preparedness and Response
CDC	Centers for Disease Control
CIC	Community Involvement Coordination
EOC	Emergency Operations Center
EPA	United States Environmental Protection Agency
FEMA	Federal Emergency Management Agency
GIS	Geographic Information Systems
HASP	Health and Safety Plan
HHS	Health and Human Services
HQ	Headquarters
JIC	Joint Information Center
ICP	Incident Command Post
IMT	Incident Management Team

LOGS	Logistics
MCP	Mobile Command Post
MDEQ	Michigan Department of Environmental Quality
MDHHS	Michigan Department of Health and Human Services
ORD	Office of Research and Development
OW	Office of Water
PIO	Public Information Office
SITL	Situation Unit Leader
SitRep	Situation Report
UCG	Unified Coordination Group
UCP	Unified Command Post

APPENDIX A:
Organizational Chart
Flint Drinking Water Response
EPA Unified Command Structure



2/17/2016